Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Thursday 24 Feb 2022 until 23:59 on Friday 25 Feb 2022

Forecast Issued on Thursday 24 Feb 2022 at 03:11

Confidence: High for cold showery conditions on Thursday then a much more settled, bright day on Friday. High for windy but mostly dry conditions over the weekend.

Headline for Thursday 24 Feb 2022: Bright spells and snow showers. Strong winds and feeling bitterly cold.

Mountain weather hazards on Thursday 24 Feb 2022

Blizzards Low Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Light snow	Heavy snow showers	Light snow	Heavy snow	Heavy snow
Precipitation probability					
40%	40%	40%	40%	40%	70%

Forecast for Thursday 24 Feb 2022

Weather: A very cold day with bright or sunny spells and occasional snow showers, the odd one could be heavy with a chance of thunder. The showers may merge to a longer spell of snow during the evening with blizzard conditions on the tops.

Chance of cloud-free hill tops above 800m: 60% becoming 30% in evening. Cloud heights highly variable as showers move through.

Low cloud and visibility: Generally very good between showers. Very poor at times in showers with cloud descending to 400m but you should see these approaching from the west. Any lying snow will blow about in the winds. Very poor for a longer spell in the evening with blizzards on the tops.

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Forecast for Thursday 24 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	35/41 SW	33/40 W	37/47 W	38/48 W	37/47 SW	41/52 W	39/49 W
600	27/35 SW	29/38 W	33/44 W	33/44 W	31/42 SW	31/44 W	30/43 W
300	9/27 SW	12/32 W	15/36 W	14/35 W	11/34 SW	14/38 W	13/37 W
Valley	9/26 SW	13/31 W	16/36 W	15/35 W	14/33 SW	13/35 W	14/36 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-4/-14	-5/-15	-5/-15	-4/-14	-3/-13	-3/-13	-3/-13
600	-2/-10	-3/-11	-2/-11	-1/-10	-1/-9	-1/-9	-1/-9
300	1/-3	0/-5	1/-4	2/-3	2/-2	1/-4	1/-4
Valley	3/-0	2/-3	3/-2	4/-0	4/0	4/-0	4/-0
Freezing Level*	200m	200m	100m	300m	400m	400m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Full winter conditions in the fells with snow showers down to low levels. Gusts of 50 to 60mph on the high ridges and tops will give serious and potentially hazardous walking conditions.

Forecast for Friday 25 Feb 2022

Weather: Wintry showers dying out overnight. A dry and bright day with plenty of crisp sunshine. Some cloud will spill across from the west late in the day. Fresh snow cover in the fells with strong glare from the sunshine.

Maximum wind: NW 30mph gusts 45mph overnight, easing by dawn. Westerly 10-15mph during daytime, becoming southerly 15-20mph in evening.

Chance of cloud-free hill tops above 800m: 95%.

Low cloud and visibility: Excellent air clarity with clear and expansive views to be enjoyed. Poor in any snow showers in the early hours.

Temperature: **Valleys:** Plus 2 Celsius rising to 4 or 5 Celsius.
At 800m: Minus 4 Celsius rising to Minus 1 Celsius.
Freezing level: 300m rising to 600m.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Wednesday 23 February 2022. Location: Catsyecam summit at 1739. Full report: Another day of gales over high ground with unpredictable and powerful squalls even in fairly sheltered locations. A mixture of rain and sleet showers came and went through the day, and conditions generally deteriorated in the afternoon. The majority of the Lakeland fells are snow-free, however, more snow and colder temperatures are in the forecast tonight/tomorrow so anyone venturing out should anticipate and be prepared for more snow and ice than described here. Any remaining snow is generally found above 800m on steep east-facing slopes (although small amounts are also present on other slope aspects). The freezing level was above the summits today, and the majority of the snow encountered was compact but relatively soft. With colder temperatures in the forecast, much of the remaining snow will become hard and icy. Striding and Swirral edge can be done mostly on rock along their crests, however, large areas of snow are present on their flanks and exit slopes. For anyone planning these or similar steep and exposed routes tomorrow, an ice axe and crampons/microspikes are highly recommended. Full winter clothing (warm and waterproof) including hats and gloves and additional equipment including a map, compass and headtorch are all essential. Goggles may also be advisable for navigating in strong winds and poor visibility.Temperature: plus 1.6 C, Maximum wind speed 46.9 mph, Wind chill: minus 7.3 C, Average wind speed: 31.2 mph.

Issued at: 03:12 on Thu 24 Feb 2022

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